

Broadband.mdb							
GIS Feature Class Name	Item Names	Item Width	Item Type	# of Decimals	Description - All Entries must be in uppercase	Domain/Valid Range	Name of Domain/Range
Wireless Broadband Tower - WirelessTower							
The Tower Structure the Wireless Antenna is mounted to.							
required	PROVIDER	100	Text		Provider of Wireless Broadband Service (ie. FLEMING MASON RECC)	PULL FROM MASTER LIST	PROVIDER
required	AGENCY	25	Text		Type of Provider (ie. MUNICIPAL)	MUNICIPAL, WISP	WIRELESS_AGENCY
required	TOWER_ID	50	Text		ID of Tower		
optional	POP_CENTER	100	Text		Populated Center served by wireless tower (ie. MIDDLESBORO)	NO DOMAIN/RANGE	N/A
optional	LOCATION	100	Text		Location of Wireless Tower (ie. WHITESTONE WATER TOWER)	NO DOMAIN/RANGE	N/A
optional	STRUCTURE	50	Text		Type of Structure	WATER TANK, BROADBAND TOWER, etc.	
optional	DATECHANGE	8	Date		Date feature was last modified (date the feature was last modified in the GIS)	NO DOMAIN/RANGE	N/A
optional	DATECREATE	8	Date		Date feature was created (date the feature was imported into the GIS)	NO DOMAIN/RANGE	N/A
optional	COMMENTS	250	Text		Comment field used to put any relevant information	NO DOMAIN/RANGE	N/A
optional	KYGEONET	50	Text		Link to KYGEONET	NO DOMAIN/RANGE	N/A
Wireless Broadband Antenna - WirelessAntenna							
Wireless Antenna. Multiple Antennas can be mounted to Wireless Tower							
required	PROVIDER	100	Text		Provider of Wireless Broadband Service (ie. FLEMING MASON RECC)	PULL FROM MASTER LIST	PROVIDER
required	AGENCY	25	Text		Type of Provider (ie. MUNICIPAL)	MUNICIPAL, WISP	WIRELESS_AGENCY
required	TOWER_ID	50	Text		ID of Wireless Tower		
required	LICENSED	3	Text		Is this Wireless Broadband Antenna Licensed?	YES,NO	YESNO
required	OMNI	3	Text		Is the Wireless Broadband Antenna Omnidirectional?	YES,NO	YESNO
optional	ALIGNMENT	12	Double	0	Orientation of Antenna in Degrees		
optional	BEAMWIDTH	12	Double	0	Width of Beam in Degrees		
optional	BEAMRADIUS	12	Double	0	Radius of Beam in Feet		
optional	FREQUENCY	12	Double	2	Frequency of Wireless Antenna in Megahertz	900 MHZ, 2.4 GHZ, 5.8 GHZ	FREQUENCY
optional	MIN_FREQ	12	Double	2	Minimum Frequency of Wireles Antenna in Megahertz		
optional	MAX_FREQ	12	Double	2	Maximum Frequency of Wireless Antenna in Megahertz		
required	TYPE	25	Text		Type of Deployment	ANTENNA, CHANNEL, LEGACY	
optional	TECH_TYPE	50	Text		Type of Technology Deployed		
optional	TECH_MANF	50	Text		Manufactor of Technology		
optional	ELEV_AMSL	12	Double	0	Elevatation of Wireless Antenna Above Mean Sea Level in Feet	180.00 - 4,000.00	WIRELESS_ELEV
optional	ELEV_AGRD	12	Double	0	Elevation of Wireless Antenna Above Ground in Feet		
optional	CUSTOMERS	12	Double	0	Number of Customers served	NO DOMAIN/RANGE	N/A
optional	MAX_DOWN	12	Double	0	Maximum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MAX_DOWN
optional	MAX_UP	12	Double	0	Maximum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MAX_UP
optional	MIN_DOWN	12	Double	0	Minimum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MIN_DOWN
optional	MIN_UP	12	Double	0	Minimum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MIN_UP
required	STATUS	25	Text		Status of WIRELESS TOWER (ie. PROPOSED)	ACTIVE, PROPOSED	WIRELESS_STATUS
optional	DATEACTIVE	8	Date		Date of Activation (mainly if Status was Proposed, but could be used for ACTIVE)	NO DOMAIN/RANGE	N/A
optional	DATECHANGE	8	Date		Date feature was last modified (date the feature was last modified in the GIS)	NO DOMAIN/RANGE	N/A
optional	DATECREATE	8	Date		Date feature was created (date the feature was imported into the GIS)	NO DOMAIN/RANGE	N/A
optional	COMMENTS	250	Text		Comment field used to put any relevant information	NO DOMAIN/RANGE	N/A
optional	KYGEONET	50	Text		Link to KYGEONET	NO DOMAIN/RANGE	N/A
Wireless Licensed Protected Areas - WirelessLicensed							
Each Licensed Wireless Provider has an area that is protected by the FCC to prevent interference from other licensed frequencies. This is a protected service area, not the served area. Please refer to the Wireless Broadband Service Area layer for actual coverage.							
required	PROVIDER	100	Text		Provider of Wireless Broadband Service (ie. FLEMING MASON RECC)	PULL FROM MASTER LIST	PROVIDER
required	AGENCY	25	Text		Type of Provider (ie. MUNICIPAL)	MUNICIPAL, WISP	WIRELESS_AGENCY
optional	FREQUENCY	12	Double	2	Frequency of Wireless Antenna in Megahertz	900 MHZ, 2.4 GHZ, 5.8 GHZ	FREQUENCY
optional	MIN_FREQ	12	Double	2	Minimum Frequency of Wireles Antenna in Megahertz		
optional	MAX_FREQ	12	Double	2	Maximum Frequency of Wireless Antenna in Megahertz		
optional	DATECHANGE	8	Date		Date feature was last modified (date the feature was last modified in the GIS)	NO DOMAIN/RANGE	N/A
optional	DATECREATE	8	Date		Date feature was created (date the feature was imported into the GIS)	NO DOMAIN/RANGE	N/A
optional	COMMENTS	250	Text		Comment field used to put any relevant information	NO DOMAIN/RANGE	N/A
optional	KYGEONET	50	Text		Link to KYGEONET	NO DOMAIN/RANGE	N/A

Wireless Broadband Service Area - WirelessBBSA							
Each Wireless Tower is buffered by a general radius. In some cases specific degrees are show at different radius. (ie. 300 - 60 degrees at 4 miles, 60 - 180 degrees at 2 miles)							
required	PROVIDER	100	Text		Provider of Wireless Broadband Service (ie. FLEMING MASON RECC)	PULL FROM MASTER LIST	PROVIDER
required	AGENCY	25	Text		Type of Provider (ie. MUNICIPAL)	MUNICIPAL, WISP	WIRELESS_AGENCY
required	TOWER_ID	50	Text		ID of Wireless Tower		
required	LICENSED	3	Text		Is this Wireless Broadband Antenna Licensed?	YES,NO	YESNO
required	OMNI	3	Text		Is the Wireless Broadband Antenna Omnidirectional?	YES,NO	YESNO
optional	FREQUENCY	12	Double	2	Frequency of Wireless Antenna in Megahertz	900 MHZ, 2.4 GHZ, 5.8 GHZ	FREQUENCY
optional	MIN_FREQ	12	Double	2	Minimum Frequency of Wireles Antenna in Megahertz		
optional	MAX_FREQ	12	Double	2	Maximum Frequency of Wireless Antenna in Megahertz		
required	TYPE	25	Text		Type of Deployment	ANTENNA, CHANNEL, LEGACY	
optional	TECH_TYPE	50	Text		Type of Technology Deployed		
optional	TECH_MANF	50	Text		Manufactor of Technology		
optional	CUSTOMERS	12	Double	0	Number of Customers served	NO DOMAIN/RANGE	N/A
optional	MAX_DOWN	12	Double	0	Maximum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MAX_DOWN
optional	MAX_UP	12	Double	0	Maximum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MAX_UP
optional	MIN_DOWN	12	Double	0	Minimum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MIN_DOWN
optional	MIN_UP	12	Double	0	Minimum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MIN_UP
required	STATUS	25	Text		Status of WIRELESS TOWER (ie. PROPOSED)	ACTIVE, PROPOSED	WIRELESS_STATUS
optional	DATEACTIVE	8	Date		Date of Activation (mainly if Status was Proposed, but could be used for ACTIVE)	NO DOMAIN/RANGE	N/A
optional	DATECHANGE	8	Date		Date feature was last modified (date the feature was last modified in the GIS)	NO DOMAIN/RANGE	N/A
optional	DATECREATE	8	Date		Date feature was created (date the feature was imported into the GIS)	NO DOMAIN/RANGE	N/A
optional	COMMENTS	250	Text		Comment field used to put any relevant information	NO DOMAIN/RANGE	N/A
optional	KYGEONET	50	Text		Link to KYGEONET	NO DOMAIN/RANGE	N/A
Cable Broadband Service Area - CableBBSA							
Cable Service Areas are shown by general area of service.							
required	PROVIDER	100	Text		Provider of Cable Broadband Service (ie. Insight Communications)	PULL FROM MASTER LIST	PROVIDER
required	AGENCY	25	Text		Type of Provider (ie. PRIVATE/MUNICIPAL)	MUNICIPAL, KCTA	CABLE_AGENCY
optional	CUSTOMERS	12	Double	0	Number of Customers served	NO DOMAIN/RANGE	N/A
optional	MAX_DOWN	12	Double	0	Maximum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MAX_DOWN
optional	MAX_UP	12	Double	0	Maximum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MAX_UP
optional	MIN_DOWN	12	Double	0	Minimum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MIN_DOWN
optional	MIN_UP	12	Double	0	Minimum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MIN_UP
required	STATUS	25	Text		Status of CABLE SERVICE (ie. PROPOSED)	ACTIVE, PROPOSED	CABLE_STATUS
optional	DATEACTIVE	8	Date		Date of Activation (mainly if Status was Proposed, but could be used for ACTIVE)	NO DOMAIN/RANGE	N/A
optional	DATECHANGE	8	Date		Date feature was last modified (date the feature was last modified in the GIS)	NO DOMAIN/RANGE	N/A
optional	DATECREATE	8	Date		Date feature was created (date the feature was imported into the GIS)	NO DOMAIN/RANGE	N/A
optional	COMMENTS	250	Text		Comment field used to put any relevant information	NO DOMAIN/RANGE	N/A
optional	KYGEONET	50	Text		Link to KYGEONET	NO DOMAIN/RANGE	N/A
DSL Broadband Service Area - DSLBBSA							
Each DSLAM is buffered by 2.5 miles to produce this layer.							
required	PROVIDER	100	Text		Provider of DSL Broadband Service (ie. BELL SOUTH)	PULL FROM MASTER LIST	PROVIDER
required	AGENCY	25	Text		Type of Provider (ie. LEC)	LEC, ILEC	DSL_AGENCY
required	DSL_RADIUS	12	Double	0	Radius to buffer dslam		
optional	CUSTOMERS	12	Double	0	Capacity	NO DOMAIN/RANGE	N/A
optional	MAX_DOWN	12	Double	0	Maximum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MAX_DOWN
optional	MAX_UP	12	Double	0	Maximum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MAX_UP
optional	MIN_DOWN	12	Double	0	Minimum Bandwidth Available for Download in kilobytes per second	64 - 8,000	MIN_DOWN
optional	MIN_UP	12	Double	0	Minimum Bandwidth Available for Upload in kilobytes per second	64 - 8,000	MIN_UP
required	STATUS	25	Text		Status of DSLAM (ie. PROPOSED)	ACTIVE, PROPOSED	DSL_STATUS
optional	DATEACTIVE	8	Date		Date of Activation (mainly if Status was Proposed, but could be used for ACTIVE)	NO DOMAIN/RANGE	N/A
optional	DATECHANGE	8	Date		Date feature was last modified (date the feature was last modified in the GIS)	NO DOMAIN/RANGE	N/A
optional	DATECREATE	8	Date		Date feature was created (date the feature was imported into the GIS)	NO DOMAIN/RANGE	N/A
optional	COMMENTS	250	Text		Comment field used to put any relevant information	NO DOMAIN/RANGE	N/A
optional	KYGEONET	50	Text		Link to KYGEONET	NO DOMAIN/RANGE	N/A